Ambient Frequency Detection Experiment Plan

Objective

Measure ambient electromagnetic frequencies (EMFs) and radio frequencies (RFs) in low-interference environments (e.g., fields) to assess their presence, strength, frequency range, and potential sources, exploring their impact on human health or biofields. Scale from one individual to a small volunteer network to map frequency patterns.

Hypothesis

Ambient EMFs/RFs, even at non-thermal levels, may interact with the human biofield or cellular processes, potentially affecting health in ways not fully recognized by mainstream science.

Team

- **Minimum**: 1 individual (solo researcher).
- **Ideal**: 3–5 volunteers for initial phase, scalable to 10–20 for broader data collection.
- **Roles**: Coordinator (organizes, manages data), Field Operators (set up and monitor equipment), Data Analyst (processes readings), Community Liaison (recruits volunteers, shares findings).

Equipment (Per Station)

Selected for affordability, sensitivity, and alignment with alternative science ethos (e.g., Tesla-inspired curiosity about unseen forces). All links are to exact products from reputable vendors as of July 2025, with citations.

1. **TriField TF2 EMF Meter** ($199.99)
   - **Purpose**: Measures magnetic (40 Hz–100 kHz), electric (40 Hz–100 kHz), and RF (20 MHz–6 GHz) fields. Sensitive, user-friendly, 3-axis sensor for comprehensive ambient detection.
   - **Link**: TriField TF2 on Amazon
   - **Source**:
2. **Neewer Adjustable Mini-Tripod** ($29.99)
   - **Purpose**: Stabilizes meter in field for consistent readings, adjustable height.
   - **Link**: Neewer Mini-Tripod on Amazon
   - **Source**:
3. **Anker PowerCore Solar 20000 Battery Pack** ($49.99)
   - **Purpose**: Powers meter for extended field use (20+ hours) via solar/USB charging.
   - **Link**: Anker Solar Charger on Amazon
   - **Source**:
4. **Elitech GSP-6 USB Data Logger** ($79.99)
   - **Purpose**: Records time-stamped frequency data for analysis, compatible with manual input or meter integration.
   - **Link**: Elitech USB Data Logger on Amazon
   - **Source**:
5. **Moleskine Classic Notebook** ($9.99)
   - **Purpose**: Manual logging of observations (e.g., weather, subjective health effects).
   - **Link**: Moleskine Notebook on Amazon
   - **Source**:
6. **Optional: Top Plaza Clear Quartz Crystal** ($19.99)
   - **Purpose**: Experimental; test if crystals amplify/modulate ambient frequencies, inspired by ancient energy practices.

    - **Link**: Clear Quartz Crystal on Amazon
    - **Source**:

Total Cost Per Station: ~$389.94
Cost for 5 Stations: ~$1,949.70
Cost for 10 Stations: ~$3,899.40

Operational Mechanisms

1. **Site Selection** (1–2 hours per site)
    - Choose a field 500+ meters from power lines, cell towers, or Wi-Fi sources. Use Google Maps or site visits to confirm.
    - Ensure legal access (e.g., private land with permission or public park).
2. **Equipment Setup** (30 minutes per station)
    - Mount TriField TF2 on Neewer tripod at 1-meter height.
    - Connect to Anker solar battery pack for continuous power.
    - Use Elitech data logger for automated recording or manually log readings every 10 minutes in Moleskine notebook.
    - Place quartz crystal 1 meter from meter (optional, for experimental frequency modulation).
3. **Data Collection** (4–8 hours per session)
    - Conduct measurements at dawn/dusk to capture diurnal variations.
    - Record magnetic (mG), electric (V/m), and RF (mW/m²) readings, noting time, weather, and subjective health observations (e.g., fatigue, clarity).
    - Take 3–5 sessions per site over 1–2 weeks for robust data.
4. **Data Analysis** (2–4 hours per week)
    - Transfer data logger readings to a laptop (use free software like Excel or LibreOffice Calc).
    - Plot frequency, amplitude, and time to identify patterns (e.g., spikes during satellite passes).
    - Compare with health observations or geomagnetic data (e.g., Schumann resonances via online monitors).
5. **Volunteer Networking** (Ongoing, 2–3 hours per week)
    - Create a Discord server or GitHub repository for volunteers to share data (free).
    - Standardize protocols (e.g., measurement times, data formats) to ensure consistency.
    - Share findings via X posts or a blog to recruit more volunteers and raise awareness.

Time Commitments

- **Solo Researcher**:
    - **Setup**: 2–3 hours (site selection, equipment prep).
    - **Fieldwork**: 12–24 hours over 2 weeks (3–5 sessions, 4–8 hours each).
    - **Analysis**: 8–12 hours (data processing, pattern identification).
    - **Total**: ~22–39 hours over 2–3 weeks.
- **Small Group (3–5 Volunteers)**:
    - **Coordinator**: 10 hours/week (organize, compile data).
    - **Field Operators**: 6–12 hours/week (setup, measurements).
    - **Data Analyst**: 4–6 hours/week (process data).
    - **Community Liaison**: 2–3 hours/week (recruitment, communication).
    - **Total per Volunteer**: ~10–15 hours/week for 2–3 weeks.
- **Scaled Network (10–20 Volunteers)**:
    - Same as small group, with additional 5 hours/week for Coordinator to manage larger data sets and recruit via X or forums.

Scaling Strategy

- **Phase 1 (1–3 Months)**: 1–5 stations, refine protocols, test crystal hypothesis, establish data patterns.
- **Phase 2 (3–6 Months)**: Expand to 10 stations, launch Discord/GitHub for data sharing, recruit via X posts.
- **Phase 3 (6–12 Months)**: Scale to 20+ stations, map frequencies globally, correlate with health/biofield data, publish findings on open-source platforms.

Creative Elements (Alternative Science)

- **Biofield Observations**: Volunteers log subjective health effects (e.g., mood, energy) during measurements to explore biofield interactions, inspired by ancient energy practices.
- **Crystal Experiment**: Compare readings with/without quartz crystals to test if they modulate frequencies, evoking Tesla's aether theories.
- **Ley Line Hypothesis**: Map sites near ancient ley lines (using online databases) to check for unique frequency profiles, blending modern and ancient science.

Funding and Recruitment

- **Funding**: Volunteers cover station costs (~$390 each). For larger networks, crowdfund via Kickstarter, emphasizing health and Tesla-inspired science.
- **Recruitment**: Post on X, Reddit (r/Electromagnetics, r/AlternativeHealth), or EMF forums. Example X post:
  > Join our experiment to measure ambient EMFs in fields! Explore how frequencies affect health/biofields. $390/station, 10–15 hrs/week. DM for details! #EMF #Biofield #TeslaScience
- **Incentives**: Offer data access, co-authorship on findings, or custom crystal sets for volunteers.

Expected Outcomes

- A dataset of ambient EMF/RF levels across multiple sites, identifying sources (e.g., cell towers, satellites).
- Preliminary correlations between frequencies and health/biofield effects.
- A scalable volunteer network for global frequency mapping, reviving curiosity about unseen forces.

Next Steps

1. Purchase equipment for 1–5 stations (~$390–$1,950) using provided links.
2. Select field sites and obtain permissions (1–2 weeks).
3. Conduct initial measurements (2–3 weeks).
4. Set up Discord/GitHub for data sharing (1 week).
5. Recruit volunteers via X/Reddit (ongoing).

References

-: Amazon product listings for TriField TF2 and Moleskine Notebook.
-: Amazon product listing for Neewer Mini-Tripod.
-: Amazon product listing for Top Plaza Clear Quartz Crystal.
-: Amazon product listing for Anker PowerCore Solar Charger.
-: Amazon product listing for Elitech GSP-6 USB Data Logger.